

## Product datasheet for **TP762283**

### **DVL1 (NM\_004421) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human dishevelled, dsh homolog 1 (Drosophila) (DVL1), Met1-Tyr279, with N-terminal His tag, expressed in E.coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding the region(Met1-Tyr279) of DVL1
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	31.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_004412</a>
<b>Locus ID:</b>	1855
<b>UniProt ID:</b>	<a href="#">O14640</a>
<b>RefSeq Size:</b>	2941
<b>Cytogenetics:</b>	1p36.33
<b>RefSeq ORF:</b>	2010
<b>Synonyms:</b>	DRS2; DVL; DVL1L1; DVL1P1



[View online »](#)

**Summary:**

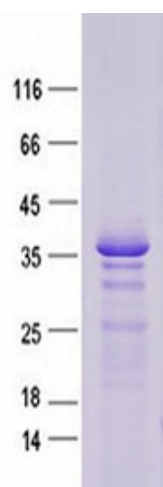
DVL1, the human homolog of the Drosophila dishevelled gene (dsh) encodes a cytoplasmic phosphoprotein that regulates cell proliferation, acting as a transducer molecule for developmental processes, including segmentation and neuroblast specification. DVL1 is a candidate gene for neuroblastomatous transformation. The Schwartz-Jampel syndrome and Charcot-Marie-Tooth disease type 2A have been mapped to the same region as DVL1. The phenotypes of these diseases may be consistent with defects which might be expected from aberrant expression of a DVL gene during development. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome, ES Cell Differentiation/IPS

**Protein Pathways:**

Basal cell carcinoma, Colorectal cancer, Melanogenesis, Notch signaling pathway, Pathways in cancer, Wnt signaling pathway

**Product images:**

Purified recombinant protein DVL1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.